

PART OF PAPER #3

PTO/SB/08A (08-00)

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Substitute for form 1449A/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 7

Application Number	09/903249
Filing Date	July 11, 2001
First Named Inventor	Gregory S. Duncan et al.
Group Art Unit	n/a
Examiner Name	n/a
Attorney Docket Number	VTN 0546

## U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code <sup>2</sup> (if known)			
TNN		5,793,633		Naguchi et al.	08/11/1998	1,4,5, 10, 13-16, 23, 25- 27, 32, 33, 35, 36
		5,378,229		Parsons et al.	01/03/1995	1-8, 10, 13-20, 23, 25-33, 35- 37, 39, 40
		5,636,750		Heyl	06/10/1997	11, 12, 24
		4,813,847		De Vries	03/21/1989	1, 25, 34, 37, 38
		4,679,149		Merz	07/07/1987	1, 25, 37
		4,189,273		Soderstrom, et al.	02/19/1980	
		4,452,658		Schramm	06/05/1984	
		4,518,302		Knapp	05/21/1985	
		4,745,672		Sealey et al.	05/24/1988	
		4,958,280		Pauly et al.	09/18/1990	
		5,106,180		Marie et al.	04/21/1992	
TNN		5,214,453		Giovanzana	05/25/1993	

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup>				

Examiner  
Signature

*Gregory S. Duncan*

Date  
Considered

6/16/03

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<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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Form PTO-1449

**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION**

**DOCKET NO.** VTN-0546 **SERIAL NO.** 09/903249

**APPLICANT**  
Gregory S. Duncan et. al.

**FILING DATE** July 11, 2001 **GROUP ART UNIT** n/a

**SEP 18 2001**  
**MAIL DATE CANCELLED**  
**U.S. PATENT & TRADEMARK OFFICE**

## U.S. PATENT DOCUMENTS

Exam'r Init.	Document No.	Date	Name	Class	Sub Class	File Date
TNN	5,310,997	5/10/1994	Roach et al.	I	I	
	5,322,406	6/21/1994	Pippin et al.	I	I	
	5,434,394	7/18/1995	Roach et al.	I	I	
	5,468,110	11/21/1995	McDonald et al.	I	I	
	5,568,393	10/22/1996	Ando et al.	I	I	
	5,712,989	6/27/1998	Johnson et al.	I	I	
	5,880,443	3/09/1999	McDonald et al.	I	I	
	5,464,289	11/07/1995	Beaudry	I	I	
TNN	5,483,653	01/09/1996	Furman	I	I	

## FOREIGN PATENT DOCUMENTS

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OTHER REFERENCES (include author, title, date, pertinent pages, etc.)


**Examiner:** *Tran Nguyen* **Date Considered:** 6/16/03

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SEP 18 2001  
PATENT & TRADEMARK OFFICE  
MAIL DATE CANCELLED

PART OF PAPER #3

Form PTO-1449 <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>	Docket No. VTN-0546	Serial No. 09/903249
	Applicant Gregory S. Duncan et. al.	
	Filing Date July 11, 2001	Group Art Unit n/a

U.S. PATENT DOCUMENTS

Exam'r Init.	Document No.	Date	Name	Class	Sub Class	File Date
TNN	5,518,329	05/21/1996	Beaudry	I	I	
I	5,565,059	10/15/1996	Edwards, et al.	I	I	
I	5,661,948	09/02/1997	Odenthal	I	I	
I	5,715,381	02/03/1998	Hamilton	I	I	
I	5,776,297	07/07/1998	Edwards et al.	I	I	
I	5,892,892	04/06/1999	Popat el al.	I	I	
I	6,088,710	07/11/2000	Dreyer et al.	I	I	
I	4,008,032	02/15/1977	Pahl	I	I	
TNN	4,728,784	03/01/1988	Stewart	I	I	

FOREIGN PATENT DOCUMENTS

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OTHER REFERENCES (include author, title, date, pertinent pages, etc.)


Examiner: <i>Evan Nguyen</i>	Date Considered 6/16/03
Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.	

Form PTO-1449

**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION**

Docket No.

VTN-0546

Serial No.

09/903249

Applicant

Gregory S. Duncan et. al.

Filing Date

July 11, 2001

Group Art Unit

n/a

## U.S. PATENT DOCUMENTS

Exam'r Init.	Document No.	Date	Name	Class	Sub Class	File Date
TNN	4,793,262	12/27/1988	Horn	I	I	
	4,921,205	05/01/1990	Drew, Jr. et al.			
	5,171,120	12/15/1992	Bernard, II et al.			
	5,271,703	12/21/1993	Lindqvist et al.			
	5,315,508	05/24/1994	Bain et al.			
	5,363,310	11/08/1994	Haj-Ali-Ahmadi et al.			
	5,395,206	05/07/1995	Cerny, Jr.			
	5,463,555	10/31/1995	Ward et al.			
TNN	5,472,309	12/05/1995	Bernard, II et al.	I	I	

## FOREIGN PATENT DOCUMENTS

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OTHER REFERENCES (include author, title, date, pertinent pages, etc.)


Examiner:

Evan Nguyen

Date Considered

6/16/03

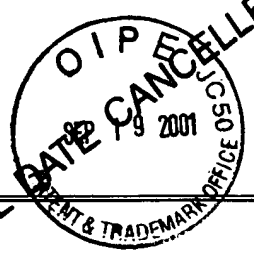
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PART OF PAPER #3

Form PTO-1449

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION



Docket No. VTN-0546	Serial No. 09/903249
Applicant Gregory S. Duncan et. al.	
Filing Date July 11, 2001	Group Art Unit n/a

U.S. PATENT DOCUMENTS

Exam'r Init.	Document No.	Date	Name	Class	Sub Class	File Date
TNN	5,555,504	09/10/1996	Lepper et al.	I	I	
	5,570,291	10/29/1996	Dudle et al.			
	5,488,223	01/30/1996	Austin et al.			
	5,497,701	03/12/1996	Uland			
	5,521,710	05/28/1996	Strossman et al.			
	5,564,841	10/15/1996	Austin et al.			
	5,584,118	12/07/1996	Furukawa et al.			
	5,607,187	03/04/1997	Salive et al.			
TNN	5,657,066	08/12/1997	Adams et al.	I	I	

FOREIGN PATENT DOCUMENTS

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OTHER REFERENCES (include author, title, date, pertinent pages, etc.)


Examiner: <i>Evan Nguyen</i>	Date Considered 6/16/03
Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.	

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SEP 19 2001  
PATENT & TRADEMARK OFFICE

PART OF PAPER #2

Form PTO-1449 <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>	Docket No. VTN-0546	Serial No. 09/903249
	Applicant Gregory S. Duncan et. al.	
	Filing Date July 11, 2001	Group Art Unit n/a

U.S. PATENT DOCUMENTS

Exam'r Init.	Document No.	Date	Name	Class	Sub Class	File Date
TNN	5,674,347	10/07/1997	Edwards et al.	I	I	
	5,720,157	02/24/1998	Ross			
	5,819,655	10/13/1998	Dellivenneri et al.			
	5,749,205	05/12/1998	Edwards et al.			
	5,834,706	11/10/1998	Christ			
	5,900,610	05/04/1999	Kelly, Jr.			
	5,953,234	09/14/1999	Singer et al.			
	5,996,316	12/07/1999	Kirschner			
TNN	6,015,167	01/18/2000	Savino et al.	I	I	

FOREIGN PATENT DOCUMENTS

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OTHER REFERENCES (include author, title, date, pertinent pages, etc.)


Examiner: <i>Luan Nguyen</i>	Date Considered: 6/16/03
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Form PTO-1449

**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION**

Docket No.

VTN-0546

Serial No.

09/903249

Applicant

Gregory S. Duncan et. al.

Filing Date

July 11, 2001

Group Art Unit

n/a

## U.S. PATENT DOCUMENTS

Exam'r Init.	Document No.	Date	Name	Class	Sub Class	File Date
TNN	4,120,629	10/17/1978	Christian et al.	I	I	
I	5,461,570	10/24/1995	Wang et al.	I	I	
I	5,307,261	04/26/1994	Maki et al.	I	I	
TNN	5,311,424	05/10/1994	Mukherjes et al.	I	I	

## FOREIGN PATENT DOCUMENTS

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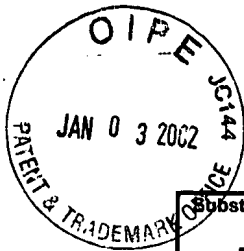
OTHER REFERENCES (include author, title, date, pertinent pages, etc.)


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Part 848

PTO/SB/08A (08-08)

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1

Application Number	09/903,249
Filing Date	July 11, 2001
First Named Inventor	Gregory S. Duncan
Group Art Unit	n/a
Examiner Name	n/a
Attorney Docket Number	VTN-0546

## U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code <sup>2</sup> (if known)			
TNN		5,536,128		Shimoyashiro et al.	07-16-1996	I
		6,076,023		Sato	06-13-2000	
		6,140,922		Kakou	10-31-2000	
		5,333,983		Hatouchi et al.	08-02-1994	
		6,185,479		Cirrone	02-06-2001	
TNN		5,548,521		Krayer et al.	08-20-1996	

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup>				

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Examiner Signature	<i>Evan Nguyen</i>	Date Considered	6/16/03
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Sheet 1 of 1

<i>Application Number</i>	09/903,249
<i>Filing Date</i>	July 11, 2001
<i>First Named Inventor</i>	Gregory S. Duncan et al.
<i>Group Art Unit</i>	3651
<i>Examiner Name</i>	K.H. Tran
<i>Attorney Docket Number</i>	VTN-546

## U.S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature	<i>Evan Nguyen</i>	Date Considered	6/16/03
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Page 1 of 1

<i>Application Number</i>	09/903,249
<i>Filing Date</i>	July 11, 2001
<i>First Named Inventor</i>	G.S. Duncan et al.
<i>Group Art Unit</i>	3651
<i>Examiner Name</i>	K.H. Tran
<i>Attorney Docket Number</i>	VTN-546

[illegible][illegible][illegible]

Examiner Signature	<i>Erin M. Nguyen</i>	Date Considered	6/16/03
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